

1/6

02 APR. 1997

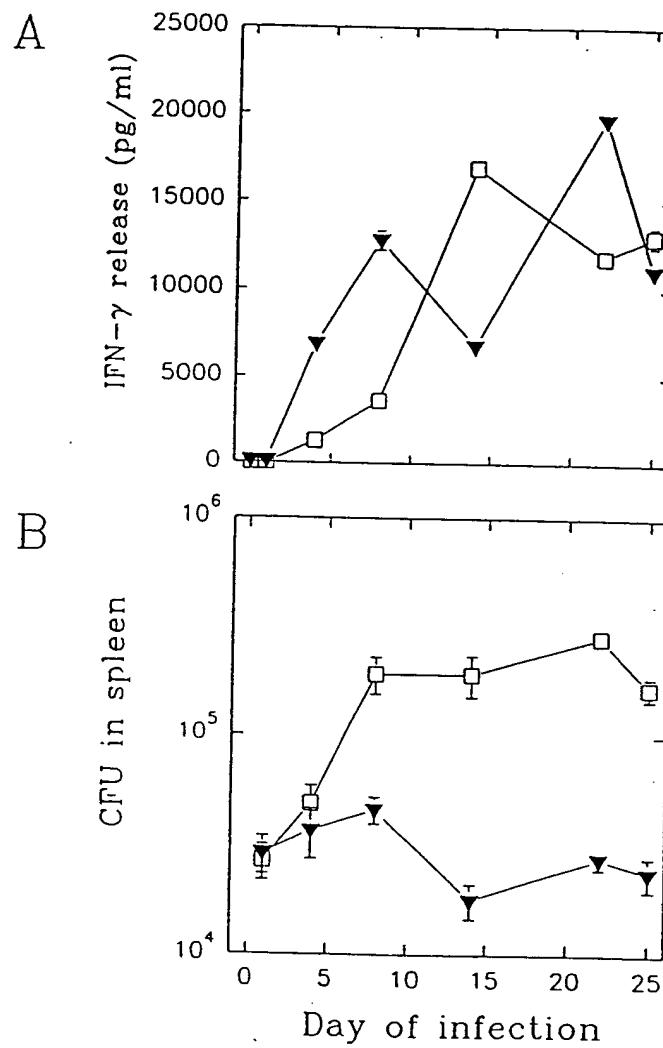


Fig. 1

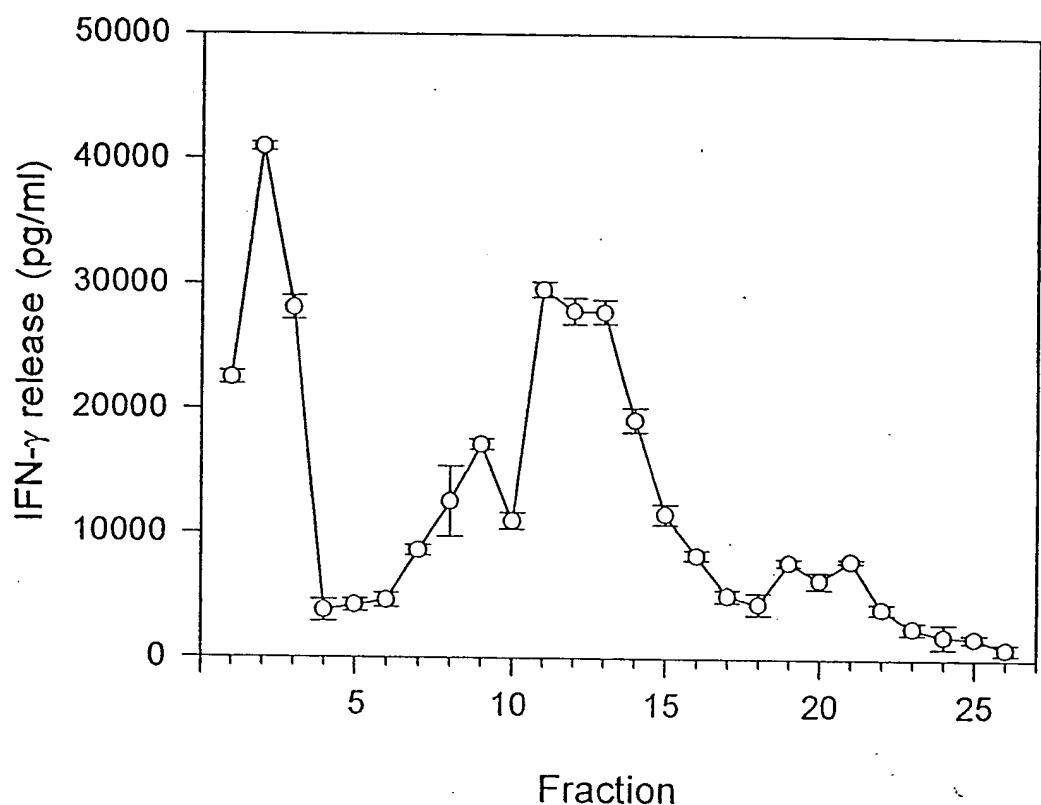


Fig. 2

1	GGCGGGGGT ACC TATGTGG CCGCCGATGC TGCGGNCGCG TCGACCTATA CGGGTTCTG	60
	-35 region	-10 region
61	ATCGAACCT GCTGAC <u>CCGAG</u> AGGACTTGTG ATG TCG CAA ATC ATG TAC AAC TAC CCC GCG Shine Delgarno M S Q I M Y N Y P A	120
121	ATG TTG GGT CAC GCC GGG GAT ATG GCC GGA TAT GCC GGC ACG CTG CAG AGC TTG GGT GCC M L G H A G D M A G Y A G T L Q S L G A	180
181	GAG ATC GCC GTG GAG CAG GCC GCG TTG CAG AGT GCG TGG CAG GGC GAT ACC GGG ATC ACG E I A V E Q A A L Q S A W Q G D T G I T	240
241	TAT CAG GCG TCG CAG GCA CAG TGG AAC CAG GCC ATG GAA GAT TTG CGG GCC TAT CAT Y Q A W Q A Q W N Q A M E D L V R Y H A	300
301	GCG ATG TCC AGC ACC CAT GAA GCC AAC ACC ATG GCG ATG ATG GCC CGC GAC ACC GCC GAA Y M S S T H E A N T M A M M A R D T A E	360
361	GCC GCC AAA TGG GGC GGC TAG A A K W G G *	381

3/6

Fig. 3

Fig. 4

1	GGGTAGCCGG ACCACGGCTG GGCAAAGATG TGCAAGCCGC CATCAAGGGCG GTCAAGGCCG	60
	-35 region	
61	GCGACGGCGT <u>CATAAACCCG</u> GACGGCACCT TGTGGCGGG CCCCGGGGTG CTGACGGCCG	120
	-10 region	
121	ACGACTACAA CTCCCCGCTG GTG GCC GAC CCG GAG TCC ACC GCG GCG Shine Delgarno V A A D P E S T A A	170
171	TTG CCC GAC GGG CTC GTC GTT CTG GAT GGC ACC GTC ACT GCC GAA CTC GAA GCC L P D G A G L V V L D G T V T A E L E A	230
231	GAG GGC TGG GGC AAA GAT CGC ATC CGC GAA CTG CAA GAG CTG CGT AAG TCG ACC GGG CTG E G W A K D R I R E L Q E L R K S T G L	290
291	GAC GTT TCC GAC CGC ATC CGG GTG ATG TCG GTG CCT GCG GAA CGC GAC TGG GCG D V S D R I R V V M S V P A E R E D W A	350
351	CGC ACC CAT CGC GAC CTC ATT GCC GGA ATC TTG GCT ACC GAC TTC <u>GAA TTC</u> <u>GCC GAC</u> R T H R D L I A G E I L A T D F E F A D	410
411	<u>CTC</u> <u>GCC</u> <u>GAT</u> <u>GGT</u> <u>GTG</u> <u>GGC</u> <u>GAC</u> <u>GGC</u> <u>ATC</u> <u>GAC</u> <u>GGC</u> <u>GTG</u> <u>CGG</u> <u>GAC</u> <u>ATC</u> <u>GAA</u> <u>AAG</u> <u>ACC</u> <u>TGA</u>	467

1	GAATTGCCGGGTGCACACAGCCTAACGACGGAGGTGGACACATGAAG	50
	M K	
51	GGTCGGTCGGCGCTGCTGCGGGCGCTCTGGATTGCCGACTGTCATTGG	100
	G R S A L L R A L W I A A L S F G	
101	GTTGGGCGGTGTCGGTAGCCGCGGAACCCACCGCCAAGGCCGCCCCAT	150
	L G G V A V A A E P T A K A A P	
151	ACGAGAACCTGATGGTGCCTCGATGGGCCGGACATCCGGTG	200
	Y E N L M V P S P S M G R D I P V	
201	GCCTTCCTAGCCGGTGGGCCGACGCCGTGTATCTGCTGGACGCCCTCAA	250
	A F L A G G P H A V Y L L D A F N	
251	CGCCGGCCCGGATGTCAGTAACGGTCACCGCGGGTAACGCGATGAACA	300
	A G P D V S N W V T A G N A M N	
301	CGTTGGCGGGCAAGGGGATTCGGTGGCACCAGGCCGGTGGTGCCTAC	350
	T L A G K G I S V V A P A G G A Y	
351	AGCATGTACACCAACTGGGAGCAGGATGGCAGCAAGCAGTGGGACACCTT	400
	S M Y T N W E Q D G S K Q W D T F	
401	CTTGTCCGCTGAGCTGCCGACTGGCTGGCCGCTAACCGGGGCTTGGCCC	450
	L S A E L P D W L A A N R G L A	
451	CCGGTGGCCATGCGGCCGTTGGCGCCGCTCAGGGCGGTTACGGGGCGATG	500
	P G G H A A V G A A Q G G Y G A M	
501	GCGCTGGCGGCCCTCCACCCCGACCGCTCGGCTCGCTGGCTCGATGTC	550
	A L A A F H P D R F G F A G S M S	
551	GGGCTTTTGTAACCGCTCGAACACCAACCAACGGTGCATCGCGCGG	600
	G F L Y P S N T T T N G A I A A	
601	GCATGCAGCAATTGGCGGTGGACACCAACCGGAATGTGGGAGCACCA	650
	G M Q Q F G G V D T N G M W G A P	
651	CAGCTGGGTGGTGGAAAGTGGCACGACCGTGGGTGCATGCCAGCCTGCT	700
	Q L G R W K W H D P W V H A S L L	
701	GGCGAAAACAACACCCGGGTGTGGGTGTGGAGCCGACCAACCGGGAG	750
	A Q N N T R V W V W S P T N P G	
751	CCAGCGATCCCGCCGCCATGATCGGCCAAACCGCCGAGGGCATGGTAAC	800
	A S D P A A M I G Q T A E A M G N	
801	AGCCGCATGTTCTACAACCAAGTATCGCAGCGTGGCGGGCACACGGACA	850
	S R M F Y N Q Y R S V G G H N G H	
851	CTTCGACTTCCCAGCCAGCGGTGACAACGGCTGGGCTCGTGGCGCCCC	900
	F D F P A S G D N G W G S W A P	
901	AGCTGGCGCTATGTCGGGCATATCGCGGTGCGATCCGCTAACCGAAT	950
	Q L G A M S G D I V G A I R .	
951	TC	952

2-DE reference map of ST-CF

6/6

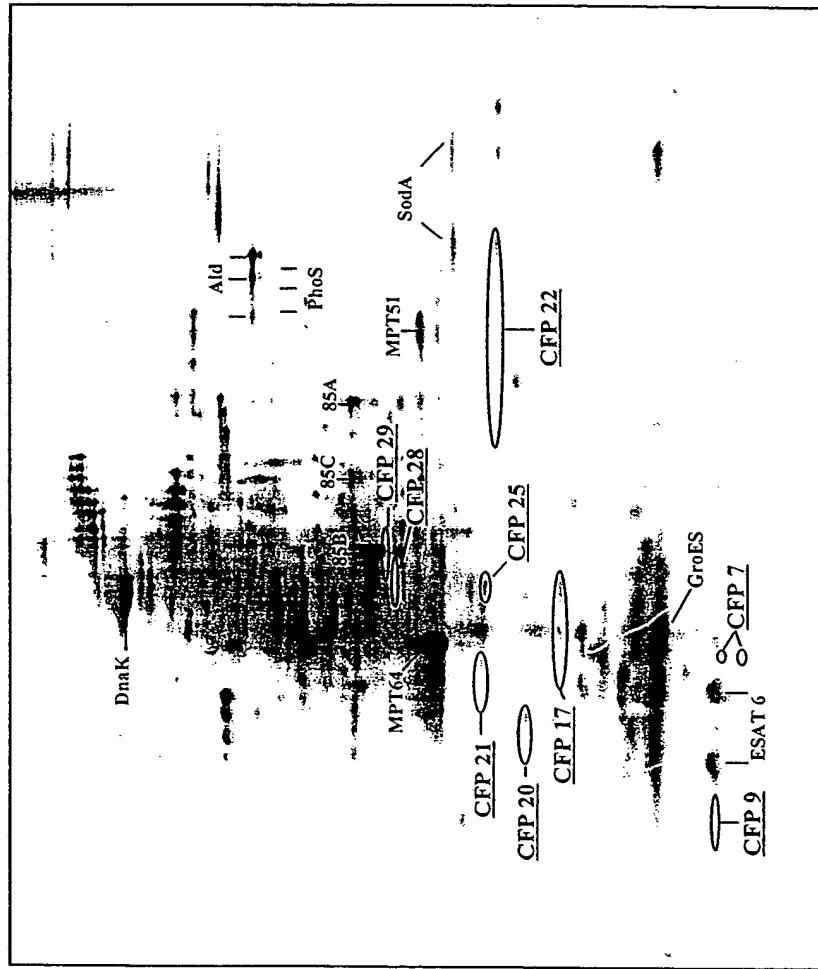


Fig. 6